



**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 04-1245	Issue Date:	CBL: 028 B001001
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Location of Construction: 350 Congress St	Owner Name: City Of Portland	Owner Address: 389 Congress St	Phone:
Business Name:	Contractor Name: Applicant	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Tents	Zone: B3
Past Use: Park	Proposed Use: Park Press Conference for U.S. Cellular 20 x 20 tent Setup 8/25 Breakdown 8/26	Permit Fee:	Cost of Work \$30.00
Proposed Project Description: 20 x 20 tent Lincoln Park 20 x 20 tent Setup 8/25 Breakdown 8/26		CEO District: 1	
		<b>FIRE DEFT:</b> <input type="checkbox"/> Approved <input type="checkbox"/> Denied <b>INSPECTION</b> Use Group <i>U</i> Type: <i>1A</i> <i>8/23/04</i> Signature: <i>[Signature]</i>	
		<b>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</b> Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____	

Permit Taken By: Idobson	Date Applied For: 0812312004	<b>Zoning Approval</b>	
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> <i>MM</i> Date: <i>8/23/04</i>	<b>Zoning Appeal</b> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	<b>Historic Preservation</b> <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: _____
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**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

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		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: Date:	

Permit Taken By: Idobson	Date Applied For: 08/23/2004	<b>Zoning Approval</b>		
1.	Special Zone or Reviews	Zoning Appeal	Historic Preservation	
2.	<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input type="checkbox"/> Not in District or Landmark	
3.	<input type="checkbox"/> Wetland	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does Not Require Review	
	<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review	
	<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved	
	<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions	
	Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MMP	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied	
	date: <i>8/23/04</i>	date:	date:	

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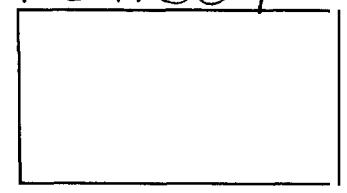
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



FILL IN AND SIGN WITH INK

403 17009

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the **INSPECTOR OF BUILDINGS, PORTLAND, ME.**

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the **Laws of Maine, the Building Code of the City of Portland, and the following specifications:**

Location / CBL 100 FLORIDA AVE Use of Building Single Family - DAY CARE CENTER Date 8/10/04  
 Name and address of owner of appliance JOHN E + NANCY E. HART  
275 Flaggy Meadow Rd, Buxton, ME 04093 - (John cell 749 1041)  
 Installer's name and address MULTISPEC INC. - HARVEY MULTER  
230 SACO Rd, HOLLIS, ME 04042 Telephone 727 5111  
800-625-1979

**Location of appliance:**  Basement  Floor (concrete)  Attic  Roof

**Type of Fuel:**  
 Gas  Oil  Solid

**Appliance Name:** Weil-McLain Boilea  
 U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes  No

IF NO Explain: \_\_\_\_\_

**The Type of License of Installer:** HARVEY MULTER  
 Master Plumber # \_\_\_\_\_  
 Solid Fuel # MS3000270.T-  
 oil # \_\_\_\_\_  
 Gas # \_\_\_\_\_  
 Other \_\_\_\_\_

**Type of Chimney:**  
 Masonry Lined  
 Factory built \_\_\_\_\_  
 Metal  
 Factory Built U.L. Listing # \_\_\_\_\_  
 Direct Vent  
 Type \_\_\_\_\_ UL# \_\_\_\_\_

**Type of Fuel Tank**  
 Oil  
 Gas

**Size of Tank** 275

**Number of Tanks** 1

**Distance from Tank to Center of Flame** 12.5 feet.

**Cost of Work:** \$ 4,215.00  
**Permit Fee:** \$ 66.00

Approved

Approved with Conditions

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: [Signature]

See attached letter or requirement

\_\_\_\_\_  
 Inspector's Signature

\_\_\_\_\_  
 Date Approved

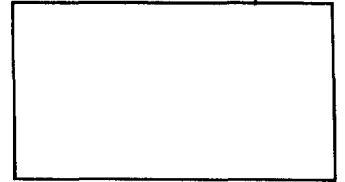
Signature of Installer [Signature]



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 Name and address of owner of appliance JOHN F + NANCY E. HART  
275 Flagg Meadow Rd, Buxton, ME 04093 - (JOHN CELL - 749 1041)  
 Installer's name and address MULTISPEC INC. - HARVEY MULTEK  
230 SACO Rd, HOLLIS, ME 04042 Telephone 727 5111  
800-625-1979

Location of appliance: (1st Floor Rear)  
 Basement  Floor (concrete)  
 Attic  Roof

Type of Fuel:  
 Gas  Oil  Solid

Appliance Name: West-Mclain Boiler  
 U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes  No

IF NO Explain: \_\_\_\_\_

The Type of License of Installer: HARVEY MULTEK  
 Master Plumber # \_\_\_\_\_  
 Solid Fuel # MS30002705  
 Oil # \_\_\_\_\_  
 Gas # \_\_\_\_\_  
 Other \_\_\_\_\_

Type of Chimney:  
 Masonry Lined  
 Factory built \_\_\_\_\_  
 Metal  
 Factory Built U.L. Listing # \_\_\_\_\_  
 Direct Vent  
 Type \_\_\_\_\_ UL# \_\_\_\_\_

Type of Fuel Tank  
 Oil  
 Gas

Size of Tank 275

Number of Tanks 1

Distance from Tank to Center of Flame 12.5 feet.

Cost of Work: \$ 4,915.00  
 Permit Fee: \$ 66.00

Approved

Approved with Conditions

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: [Signature]

See attached letter or requirement

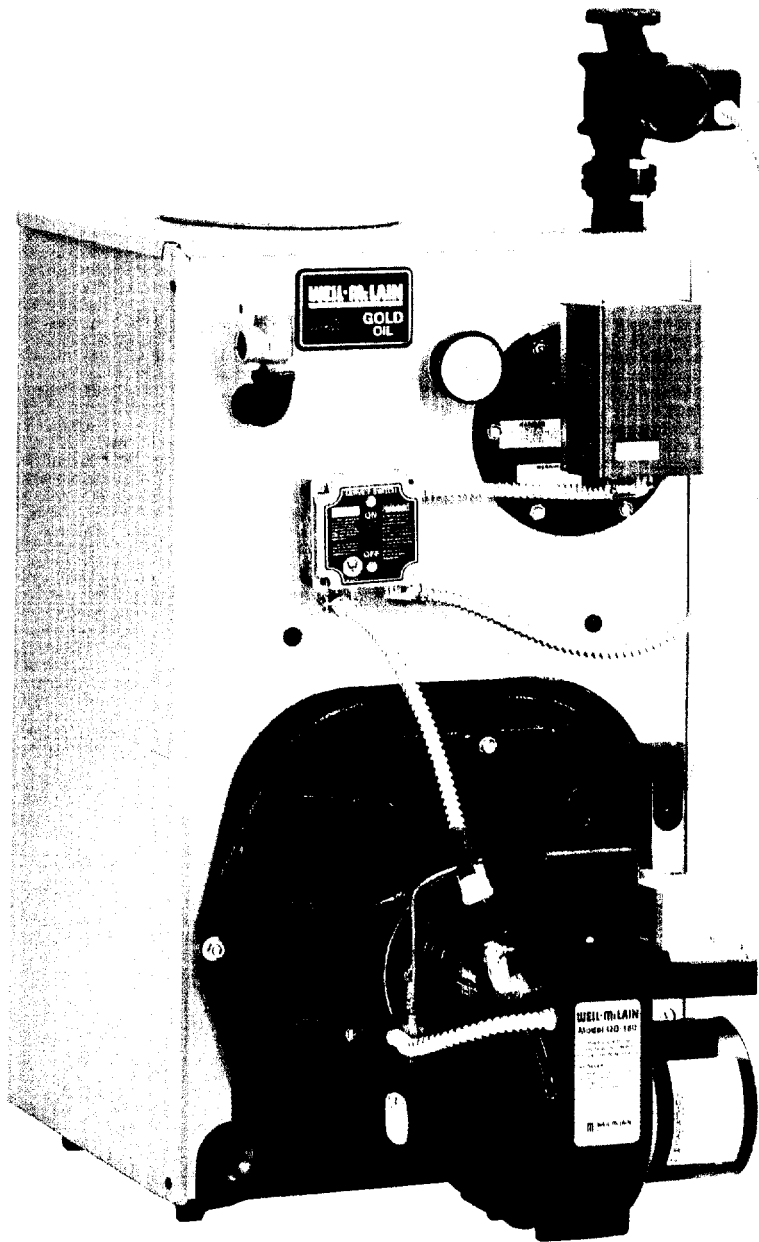
\_\_\_\_\_  
 Inspector's Signature Date Approved

\* Signature of Installer [Signature]



# WEIL-McLAIN

## GOLD



# WTGO

SERIES 3

## WATER BOILER

With Tankless Heater Opening

8 sizes

100,000

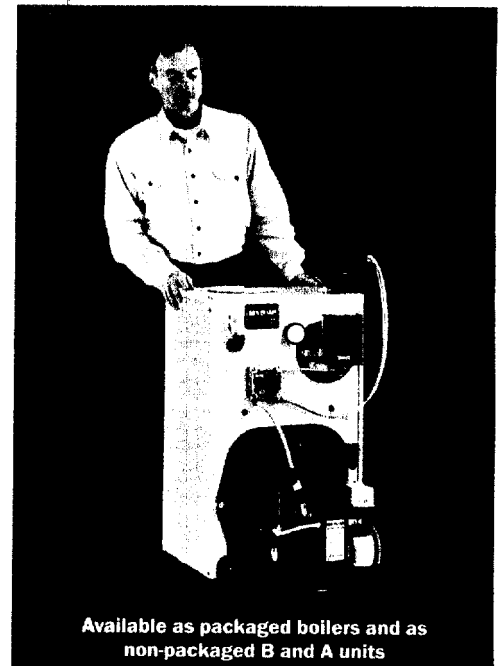
To

257,000

BTU/Hr.

Hot Water

.95 To 2.55 GPH



Available as packaged boilers and as non-packaged B and A units

- Easy to Install and Setup
- Easy to Service and Clean
- Made with Weil-McLain Quality



As an ENERGY STAR Partner Weil-McLain has determined that this product meets the ENERGY STAR guidelines for energy efficiency



Introducing the Weil-McLain WTGO GOLD - a residential hot water boiler with tankless heater opening with all the features installers and homeowners have asked for.

Outstanding performance...innovative design...easier to install and service...top or back venting...limited lifetime warranty - just a few of the advantages that make the WTGO GOLD boiler the industry's best value. And best of all GOLD is made by Weil-McLain, America's leading name in cast iron boilers for over a century.

The WTGO GOLD is available in three models:

- **P-WTGO PACKAGE.** Factory assembled and wired with jacket, circulator, burner, tankless heater, and controls (WTGO-3 through 6).
- **B-WTGO BOILER-BURNER** Factory assembled sections with jacket and heater opening plate installed\* - burner and controls packed separately (WTGO-3 through 9).
- **A-WTGO BOILER** Factory assembled sections with jacket and heater opening plate installed\* - controls packed separately (WTGO-3 through 9).

*\*Jacket not installed on B and A - WTGO-7 through 9)*

### CAST IRON SECTIONS - CAPTURED SEALS

Boiler sections are made of cast iron for efficiency, durability and long life. It's not uncommon for a Weil-McLain cast iron boiler to last 35 years or more.

Modern elastomer sealing rings in the port openings assure a permanent watertight seal. Because of the elasticity of the material (unlike metal push nipples) the seals prevent leaks caused by thermal expansion and contraction.

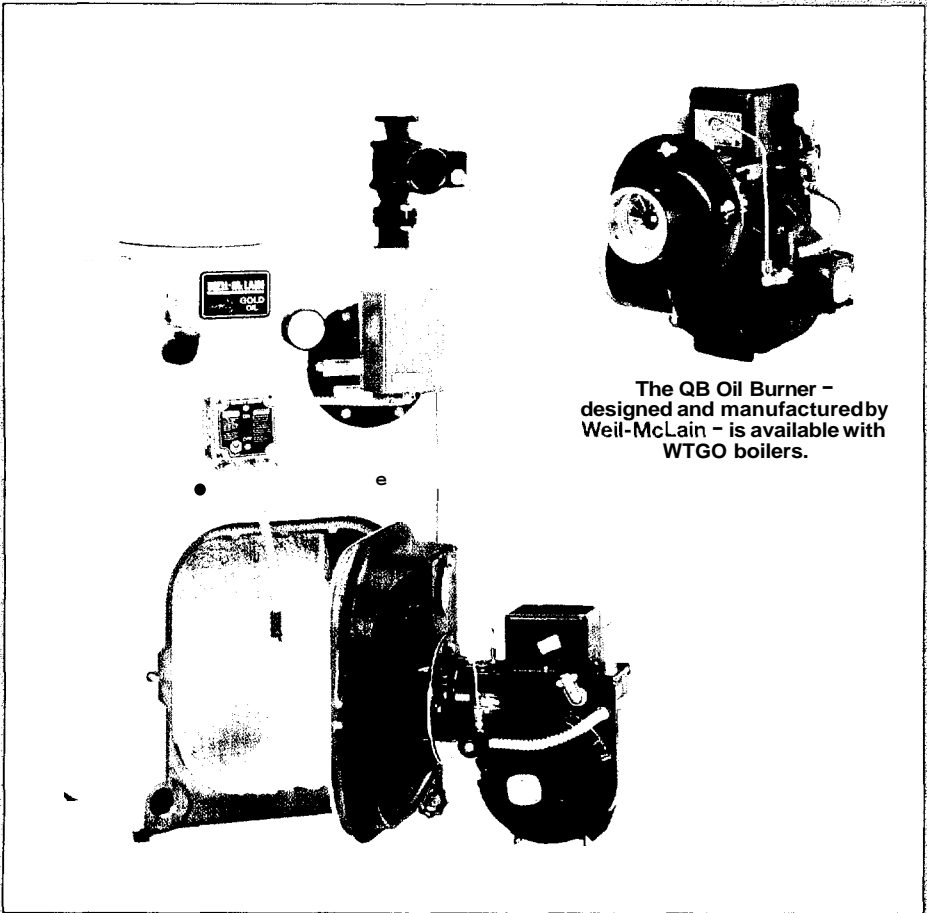


Port openings feature captured seal design - a machined closed groove assures uniform compression of the sealing ring and protects the seal from contaminants.

A special high-temperature rope seal between sections assures a gas-tight assembly.

Heat pins have been designed to maintain high efficiency while making the boiler more tolerant to varying job conditions, as well as easier to clean.

### WTGO GOLD FEATURES



The QB Oil Burner - designed and manufactured by Weil-McLain - is available with WTGO boilers.

**BACK OR TOP VENTING.** Convertible flue outlet permits either horizontal or vertical venting.

**SWING-AWAY BURNER DOOR.** Hinged door provides easy access to entire combustion area. Opens fully. Easily removed.

**EASY INSPECTION.** Flue outlet cap can be quickly removed to inspect flueways.

**TOP CLEANING.** Removing the flue collector hood exposes all flueways for cleaning. Heat pin placement prevents stuck brushes.

**TANKLESS HEATERS.** Increased capacity for more hot water. Captured seal design. Heater opening extends beyond jacket.

**CAPTURED SEAL DESIGN.** Protects elastomer sealing rings from contaminants.

**RECESSED TARGET WALL.** Back section design protects new high temperature ceramic fiber from flue brush damage.

**FACTORY-WIRED CIRCULATOR.** On packaged boilers the circulator is wired with a 30-inch harness, but is not mounted on the boiler to provide location flexibility.

**SERVICE SWITCH.** Easy to disconnect power for burner service. J-box helps simplify wiring.

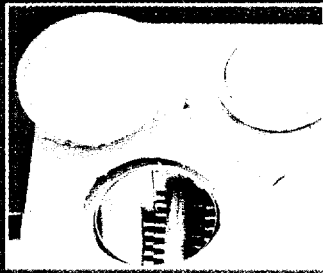
**HIGH EFFICIENCY.** 85% operating efficiency saves fuel.

**LIMITED LIFETIME WARRANTY.** Covers cast iron sections.

**HOMEOWNER PROTECTION PLAN.** Covers all Weil-McLain supply parts plus labor for five full years. Available through participating installers.



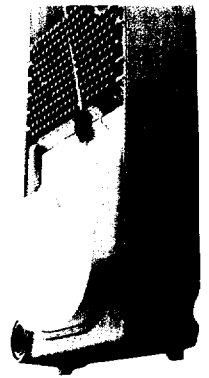
## INSPECTION AND CLEANING



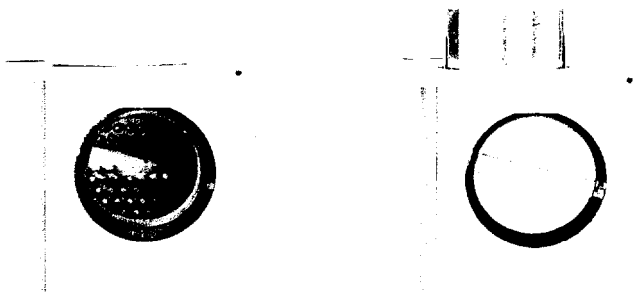
The burner door is removed by removing the burner door cap screw. The burner door is then lifted out of the boiler jacket. The burner door is then used to clean the flue passages for fast, easy cleaning. The burner door is then replaced. No brush travel. No brush damage.

## RECESSED TARGET WALL

The target wall fits securely into the recess in the wide back section - it is protected from flue brush damage and will not tip. The target wall is made of high temperature ceramic fiber for better performance and longer life.



## BACK OR TOP VENTING



Back outlet

Flue cap on back outlet for top venting

The WTGO has *two* flue outlets - one in back, one on top - to provide complete venting flexibility.

The boiler is shipped ready for back venting with an aluminized steel cap on the top flue outlet. If top venting is desired, the flue cap can be quickly removed and attached to the back outlet.

Two special L-brackets are supplied to make it easy to connect flue pipe to either outlet.

## NON-PACKAGED UNITS



All B and A units are shipped with factory-assembled sections. Three through six section boilers are shipped in a wire-bound crate *with the jacket installed*. The following parts are assembled:

- Burner mounting door
- Flue collector hood and cap
- Target wall and refractory blanket
- Heater opening cover plate

Seven through nine section boilers are skidded for shipment.

For easier handling, these units can be separated into two blocks since short draw rods are used in the middle of the assembly.

Individual sections - as well as assembled blocks - are water-tested before shipping.

## TANKLESS HEATERS



The WTGO features increased tankless heater capacity for up to 33 percent more hot water.

The heater opening incorporates the same captured seal design and elastomer ring as used between boiler sections. In addition the port opening extends beyond the front of the jacket for full visibility.

Boiler Model Number	Heater Number	Intermittent Draw-GPM*
WTGO-3	WT-14	3.25
WTGO-3L	WT-11	3.00
WTGO-4	WT-14	3.75
WTGO-5	WT-14	4.00
WTGO-6	WT-14	4.25
WTGO-7	WT-20	5.50
WTGO-8	WT-20	5.75
WTGO-9	WT-20	6.00

\*GPM of water per minute heated from 40° to 140°F with 200° boiler accordance with I-W-H Testing and Rating Water Heaters Tested with Boilers. Temperature control - 3/4".

## SWING-AWAY BURNER DOOR

The full swing-away burner door provides easy access to the combustion area to simplify inspection, cleaning and servicing. If desired, the door can be held open by a quick disconnect plug.

A quick disconnect plug is provided for holding the burner when opening the door.

## INDIRECT-FIRED WATER HEATERS

Weil-McLain offers a complete line of indirect-fired water heaters for use with the GOLD boiler. These heaters provide hot water and feature efficient operation, fast installation, maintenance, and long life. Consult a Weil-McLain representative for more information.



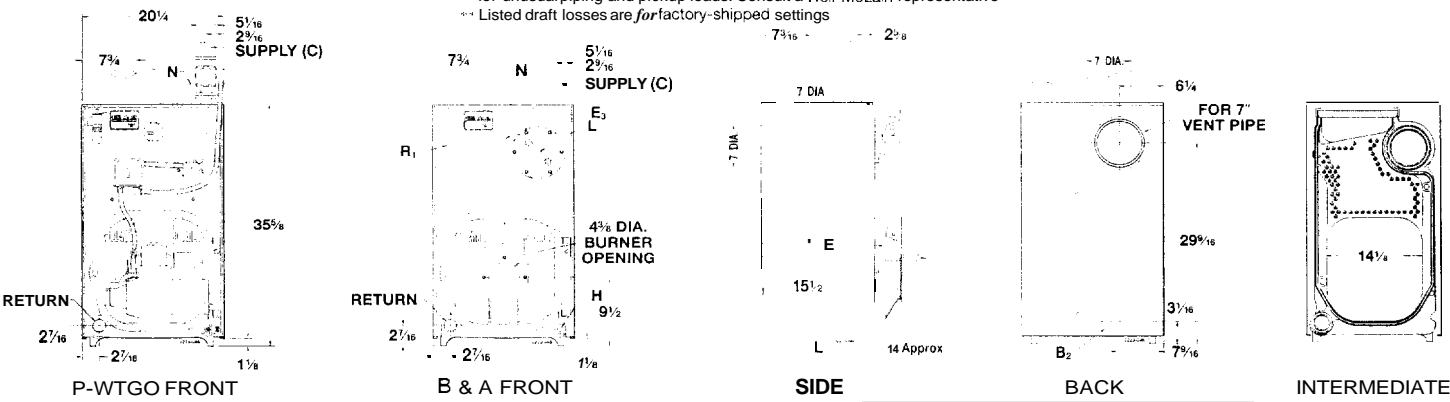
## WTGO RATINGS



Boiler Model Number	I-B-R Burner Capacity GPH*	DOE Heating Capacity† MBH**	Net I-B-R Ratings-Water+ MBH**	DOE Seasonal Efficiency % (AFUE)	Draft Loss Thru Boiler In. W.C.***	Minimum I-B-R Chimney Size		
						Rectangular Inches	Round Inches	Height Feet
▲-WTGO-3	.95	115	100	85.3	.020	8×8	6	15
P-WTGO-3L	.95	114	99	84.5	.020	8×8	6	15
▲-WTGO-4	1.20	145	126	85.0	.010	8×8	6	15
▲-WTGO-5	1.45	175	152	85.0	.015	8×8	7	15
▲-WTGO-6	1.75	212	184	85.0	.015	8×8	7	15
▲-WTGO-7	2.00	242	210	85.0	.015	8×8	7	15
A-WTGO-8	2.30	266 ■	231	-	.025	8×12	7	20
A-WTGO-9	2.55	295 ■	257	-	.030	8×12	7	20

▲ Substitute "P" for package boiler (WTGO-3 through WTGO-6 only). Substitute "E" for boiler-burner unit or "A" for boiler only (3 through 9).  
 • Available only as a package boiler. Does not meet ENERGY STAR guidelines for energy efficiency.  
 • No. 2 fuel oil - Commercial Standard Spec. CS75-56. Heat value of oil - 110,000 BTU/Gal.  
 † Based on standard test procedures prescribed by the United States Department of Energy at combustion condition of 13½% CO<sub>2</sub> and -0.02 W.C. draft.  
 MBH refers to thousands of BTU per hour.  
 ■ I-B-R gross output.  
 ‡ Net I-B-R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pickup. Water ratings are based on a piping and pickup allowance of 1.15. An additional allowance should be made for unusual piping and pickup loads. Consult a Weil-McLain representative.  
 \*\*\* Listed draft losses are for factory-shipped settings.

## DIMENSIONS



Boiler Model Number	Supply (C)		Front Return All Units	Dimensions Inches		Approx. Shipping Wt. Lbs.*
	P-WTGO (in Circulator)	B & A-WTGO		B	L	
WTGO-3	1 1/4"	1"	1 1/2"	13 3/8"	16 1/8"	605
WTGO-3L	1 1/4"	-	1 1/2"	10 1/2"	13 3/8"	560
WTGO-4	1 1/4"	1 1/2"	1 1/2"	13"	16"	660
WTGO-5	1 1/2"	1 1/2"	1 1/2"	16"	20"	775
WTGO-6	1 1/2"	1 1/2"	1 1/2"	20"	23 3/8"	875
WTGO-7	-	1 1/2"	1 1/2"	23 3/8"	26"	950
WTGO-8	-	1 1/2"	1 1/2"	26"	29 3/8"	1055
WTGO-9	-	1 1/2"	1 1/2"	29 3/8"	32 1/2"	1155

\*Weights based on P units (3 through 6) and B units with all components (7 through 9).

## CONTROL TAPPINGS

Location	Size Inches	Use
B <sub>2</sub>	1 1/2"	Alternate Return - B & A Units Only
E <sub>3</sub>	3/4"	Pressure-Temperature Gauge
H	3/4"	Drain Valve
I	3/4"	High Limit/Circulator Control
N	1/2"	Pipe to Expansion Tank or Static Air Vent
R <sub>1</sub>	3/4"	Relief Valve

\*In tankless heater plate or heater cover plate.

## STANDARD EQUIPMENT

Limited Lifetime Warranty on Boiler Sections  
 Factory Tested  
 Factory Assembled Cast Iron Sections with the following parts installed  
 Tankless Heater (P units) or Heater Opening Cover Plate (B & A units)  
 Insulated Steel Jacket with Cap\*  
 Aluminized Steel Flue Collector Hood with Flue Cap on Top Outlet  
 Swing-Away Burner Mounting Door  
 Refractory Blanket and Target Wall in Combustion Area  
 \*Jacket and collector hood not assembled on 7, 8 and 9 section blocks  
 Circulator (Taco 007, B&G NRF-22 or Grundfos UP15) - P units only - wired but not installed  
 High Efficiency Flame Retention Oil Burner (Weil-McLain QB, Beckett AFG or Carlin EZ) - P and B units only  
 High-Low Limit Control with Circulator Relay - P units only  
 High Limit Control with Circulator Relay - B and A units only\*  
 \*High-Low limit furnished when heater is ordered.

Electrical Junction Box with Wiring Harnesses  
 Service Switch and Junction Box Cover Plate  
 Built-in Air Separator  
 Two Vent Pipe Brackets  
 Combination Pressure-Temperature Gauge  
 30 P.S.I. ASME Relief Valve (boiler sections tested for 50 P.S.I. working pressure)  
 Drain Valve  
 Balanced Draft Damper

## ADDITIONAL EQUIPMENT

Weil-McLain 5-Year Homeowner Protection Plan  
 Weil-McLain Indirect-Fired Water Heaters  
 Tankless Heaters and Controls  
 Circulators - Taco 110 and B&G 100  
 Two-Stage Fuel Unit

In the interest of continual improvement in products and performance, Weil-McLain reserves the right to change specifications without notice.



Weil-McLain  
 500 Blaine Street  
 Michigan City, IN 46360-2388